

FIG. 1

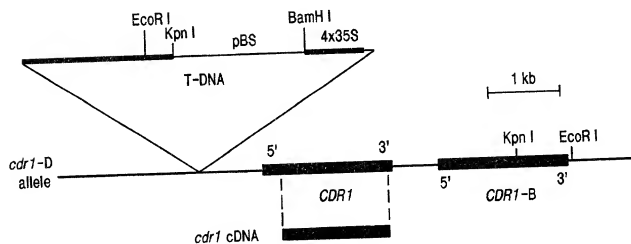


FIG. 2

Deduced amino acid sequence (SEQ ID NO:2)

MASLFSSVLLSLCLLSSFLSNANAKPKLFTADLIHRDSPKSPFYNPMTSSQRLRNAIHRSVNRVHFTEKDNTTPQK
 IDLTSNGEYLMNVISIGTPPEPMAIADTGSDLLWTQCAPCDDCYQVDPLEDPKTSSTYKDVSCSSQCTALENAQSCS
 TNDNTCSYLSYGDNSYTKGNIAVDTLTLGSSDTRPMQLNIIIGCGHNAATFNKKGSGIVGLGGPVSILKQLGDSID
 KFSYCLVPLTSKDKINFNTAIVSGSVSTPLIAKASQETFYVLTLSISVSGSKQIQYSGSDSESEGNIIIDS
 GTITLLPTEFYSELEDAVASSIDAEEKQDPQSGLSLCYSATGDLKVPITMHFDGADVKLDSNAFVQYSKDLVCFAPR
 GSPFSIYGNVAQMFLVGYDTVTSKTVSKFPTDCAKM

genomic DNA for CDRI (SEQ ID NO:1)

GGACATTCIT GGTCTACTCC AGAATATCA AAGATCCAGT CTCAGAAGAC CAGAGGGCTA TTGAGACTTT
 TCAACAAAGG GTAATATCGG GAAACCTCCT CGGATCCAT TGCCACAGCTA TCTGTCACTT CATCGAAAGG
 ACAGTAGAAA AGGAAGATGG CTCTACAAA TGCCATCAIT GCGATAAAGG AAGGCTATC GTTCAAGATG
 CCTCTACCGA CAGTGGTCCC AAGATTGGAC CCCACCCAC CCCAACATC GAGGAACATC GTCGAAAAAG AAGACGTTC
 AACACGCTCT TCAAGCAAG TGGATTGATG TGATATCAA GATCGGAGAG TTATTTTAT TTAAATTGAC
 TATATTATA TTGTGATGTT TCTCTAAAT TAAAAATTA TGACTATATA TATGACAATA TATATATATA
 TATATATA TATACATTT ATTGAGATAG ATAATGAATA CATTAGTTTA TTTGATATTT TAACTAAAA TCCATTTTT
 TGATCTCAA ATTATTTCA AACGATTCTC TGTCATTTTC TTGATATTTT GCCACGGATC GAAAAATGAT
 AAAAAATAGA CTGATTTAAC AACACATTAA AGTTAATGTT TTCTGTACAT GCCACGGATC GAAAAATGAT
 CAGTAAATGA ATATTTTTA CCTAAAGTCA CACATTTGAT ATACCTAAGT AAATGATACA GACCAAAAT
 AGAAGATCAA GAATCCTTAT ATTACGAAA TATCCGGTTA CATTCTGTTGA ATCTTTAAT GAAGAAATCTA
 GGATATAATT AAAGAAGAAG AAATATGTA AGCATTTAGA AATAAATAAA CTGGAGATA TAAGCAAAAC
 ATAAACACGT CCATATGAAT GAATGTACA CTCTCGTAA ATAAATAAT GATATAATTT GTAGAGAAAT
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 TACTCAAAAC GTAAGAAGCTC ACTATCTATT ATCATTTAT AACACCATC TCATTAATCT TATAAATATG
 TACTCATAG ATTGTCAAAA GTAAAACCTC ACAATACAT TTAACATACA AATCAAAACA ATGGCCTCTC
 TATCTCTTC AGTTCCTTC TCTCTTGT TACTCTCTC ACTTTTTCT TCAAATGCAA AGCTAAGCC

FIG. 3A

AAAACTAGGC TTCACCGCGG ATCTAAATCA CCGTGATCT CCTAAATCGC GGTTCTATAA CCGGATGGAA
 ACCTCTCC AGCGTCTAGC AAGCGGATC CACCGATCCG TTAAACGGTG TTTCCATTTC ACTGAAAAGG
 ATACACACC ACAACACAG ATGGACCTCA CCTCAAAATAG CCGTGAATAT CTCATGAACG TATCCATTGG
 AACACCTCT TCCCGATCA TTGCCATCG CGACACCGGA AGTATCTCC GTGACGCA GTGCGAGCTT
 TGGGATGAT GTTCACTCA AGTTGATCCT CTCTTTGACC CTAAACCGTC TTCCACATAC AAGACGTTTC
 CTGTCTCTC AAGTCAATGT ACTGCCCTAG AAAATCAAGC CTTCTGTCC TGGATACCTT AACGCTCGGC
 TTACTCATG TCTTACGGG ATAACTATA CACAAAGGTG AACTATTTA TCGGTTGG TCACAAACAC AACTTGGCGA
 TCCAGCGATA CCGGCCCTAT AGGCTCTGGA ATGCTGGAC TAGTGGTGG TCCGGTTGG CTTATCAAGC GCTGGAACTG
 TTAAACAAGAA AGGCTCTGGA ATGCTGGAC TAGTGGTGG TCCGGTTGG CTTATCAAGC AACTTGGCGA
 CTCATCGAC GGTAAATCT CATACTGCTT GGTTCTCTA ACTTCCAAAT TCTCAACTCC TCTGATCGA AAGCGTCTC
 AACTTCGGAA CCAATGCCAT CGTCTCGGA TCAGGAGTGG GCGAAGCAAG CAAATCCAAAT ACTCAGGCTC
 AAGAGACCTT CTATTACCTA AGCCTAAAT CCAATTAGCT GGCACAACCT TAACGTTATT ACCGACTGAA
 AGATTCTGAA AGCAGGAGG GAAACATCAT CATCGATTCA TGCTGAGAA GAAGCAAGAT CCACAAAGCG
 TTTTACTCG AGCTCGAGGA TCCGGTTGCA TCCTCTATCG ATGCTGAGAA TAACGCAAT TCGTTCGCG
 GTTTAGTCT ATGTTACAGT GCAACCGGAG ATCTAAAGT TCCAGTCAIT TGGTTGCTT TGCCTTCGCG
 CGATGTGAAG CTGTACTCT CCAATGCCCT TGTACAAGTC TCGGAGGATT TGGTTGCTT GACACTGTTT
 GGAAGCCGA GTTCTCCAT ATACGGTAAT GTGGCGCAGA TGAATTTCT TGTGGATAC GACACTGTTT
 CCAAAACGGT GTACTTTAAG CCAACAGATT GTGCAAGAT GTAGTGTCT CATCTCAACA TGTTTTCA
 AATTGTGTT TCAATTACAA TAATGGCTGA TTAGTTTCA GCCTTAGTTC TTTTGAATTT TTCTAATCA
 CATGTAGTAG TCTATCTTT CAAGGAGAG TTAAATCTC GACCTTTGT TCTTTGGTG ATGCTTTGTA
 TTCTCTGAA TTTTCAATCA CAATTTAAAT CATGAAACC TTATCTCGG TAACCTATTT CTGTCCATC
 TCTTACTCT GTTTAGTCT ATAACTATCT CTATGATGTA ACCAAATAT GACAAGACAA TCTATAAAT
 TTGTTCAAAA TTTAGTTTT TTTTCAITTT TACTAAATAA ATCTAGAAAT ACTACTTTTG TGTCTAAT
 ATATTGGA TGAATACTT ATGAAGAAC GATGAATGTG ATTCTAATC AATATGCTT TTAAGGAAT
 ATATTGGTC TACTATTCTA TTTGATGTG TCTTATTT TACTATATC AATGGATTA GTGATTATAG
 AATATTG AAAATATAT ACTATTAT ATAAATAAT CAATTAGTT TTCTCTTAA GTTCTTATA
 AAAATAAAT ATATCTTATA AGAATAAAT ATATTATA TTTCATAAA ATCATACAT GTACATATCT
 AGGTGGATGA TACATGGCT AAATTAGAT ATGAATCAT AAAATCCAG TGTAGATAA CATAACAAG

FIG. 3B

ATGAATGGTA CAATCTGGT CAAAAAAT AAAGGAAA GTTATATGCA TTAAATGAG AAATCTTCG
 CTITTAITG TTCTAITTA TCAGATTCTC TAAATGTAAA TGACACAAT TGTAGATAAT TTACTAAAA
 TGTAAAGATC TCATCATGTA CTACCAITTA TGAATCTTTA TCCAAITGAC CTTATAATA TTACTCTCA
 GAITGTCAA AGTAAAACT GACCAITCAG GCAATCAGT AAATCACAAT CTAAGAAAAT GGCTCTCTA
 TTCACITCAC TTCTCTGTG TCTATGTTA TTCTCTCTC CTAITTTCT AAACGAAA CCGCGGAAAC
 AACTAGGCT CACCGGGAT CTGATCACC GCGATCTCC TAAATGCGCA TTCTATAACC CCGCGGAAAC
 CCCTTCCCA CGTATGAGAA ACGTATCCA CCGATCTTT AACCGTCTT CCCATTTTCA TAATCTTTT
 GAAAAGGATG CATCACTTAA CGCACCAAA ACTGATATCA CCAATATTT CCGTATATAT CTATGAAAG
 TATCCCTTG GAGTTGGAC ACCTCCGTC CCAATCATG CCGCGCTGA CACCGAAGT GATCTCATCT
 GGACGAGTG CAACCATGC GATGATTGT ACATCAAGT TGATCCTCTC TTGACCCCTA AAGGTCTTC
 CACATACAA GACGTTCTT GCCCTCAAG CCAATGTAGG GCTCTAAAAG ATGATGCTC TTGTTCCAAA
 AAAGACAACA CTTGCTTTA CCGATAACC GTCCGGTGA GGTAAAGAT ATTATCATCG GTTCTGGTCA
 ATACCTTAAC GCTCGCTCC GAACAAGAG CTCTGGAATC GTTGGAATTT ACCTGAAAT GATCAACGA
 CGAAAACGCT GTACATTTA CATCGAAGGT AAATTTCTAT ACTGTTGGT ACCTGAAAT TGGTGTGAA
 GTTAAACAC TCGGAGACTC AATCGGTTG TGTCCGGACC GGGAACTGTC TCAACTCTT TGGTGTGAA
 GCAAGATTAG ACCTCTATT TTCTAACCT AAATCTATT ACCGTGGAA CCAAGATAT GCCAACCCA
 GTCTCCAGAG ACCTCTATT TTCTAACCT AAATCTATT ACCGTGGAA CCAAGATAT GCGAAATATT
 GGCTCTGATA TCAAGGAAA CATGGTCATC GATTCCGGCA CAACCTTAACT TCTGTTAACT GGAATATT
 ATTTCAGAT TGAGATTGCT CCGCAGATCT GAAAGTCCA GTCACTACTA TGCATTCTGA TGGAGCAGAT
 GAGTCTTGA TACAATGCA TTCAITTTT AAAGTCTAG ATGATTGGT TTGCTTTGCC TTGGCTTGA
 GTGAAGCTTG ATTCTATAA ATATACGGA ATGTGGCGCA GAAGAACTTT CTGTTGGAT ACGACACTGT
 ACTTGATTAC GAGGATGGG ATATACGGA ATGTGGCGCA GAAGAACTTT CTGTTGGAT ACGACACTGT
 TTCCAAATCG TTGTCAITTA AAAACAGA TTGTGCAAG ATGTAGATGG TTACGCTTAG CATGTGGCTA
 ATTCTCTTTTCAAAAGTATGTTTTCAGTATTCATTAAGCTGATTGATTGATTAGCTTAAATAGTTATTGAATTC

FIG. 3C



FIG. 4A

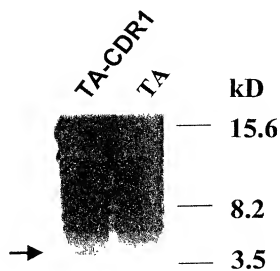


FIG. 4B